In the Claims:

Please delete the word "Claims" and insert --What is claimed is:-- therefor.

Please amend the claims as follows:

1. (currently amended) A method for transmitting trace data to a network tester [[(NT)]], ~~in which case~~ comprising:

tracing the data transmission between a mobile terminal [[(1)]] and a network ~~(9) is traced, characterized in that,~~

transmitting the trace data ~~(11) is transmitted~~ by using a standardized interface specification [[(3)]], and

~~in which case~~ controlling, via specific AT commands, the setting of the trace parameters and the communicating of the trace data ~~via specific AT commands (10) is controlled at the same time~~.

2. (currently amended) The method according to claim 1, ~~characterized in that~~ further comprising:

buffering and delaying the trace data ~~(11) is buffered and delayed~~ in the mobile terminal ~~(1) in question~~ before its transmission, ~~in which case the~~ wherein timings ~~connected~~ related to the operation of the mobile terminal ~~(1) in question~~ can be hidden.

3. (currently amended) The method according to claim 2, ~~characterized in that~~ further comprising:

buffering at least the trace data concerning the system information of the mobile terminal [[(1)]] and the packet system information ~~is buffered~~.

4. (currently amended) The method according to ~~any of the claims 1 to 3~~ claim 1, ~~characterized in that~~ further comprising:

using, in addition to the specific AT command set [[(10)]], a normal AT command set known as such ~~is used~~ in controlling the operation of the mobile terminal [[(1)]], but allowing the use of only one command set at a time in controlling the mobile terminal ~~(1) is allowed~~.

5. (currently amended) The method according to ~~any of the claims 1 to 4~~ claim 1, ~~characterized in that~~ further comprising:

modifying the trace data [[(11)]] to be sent to the network tester ~~(NT) is modified~~ into a format, wherein [[it]] the trace data comprises only the data substantial from the point of view of tracing.

6. (currently amended) The method according to ~~any of the claims 1 to 5~~ claim 1, ~~characterized in that~~ further comprising:

using the standardized interface ~~(3) in question is used also~~ in other data transmission also, ~~in which case it~~ wherein the interface is a bus intended for communicating normal user data ~~is in question~~.

7. (currently amended) The method according to ~~any of the claims 1 to 6~~ claim 6, ~~characterized in that~~ further comprising:

using the bus ~~in question is used~~ for data transmission between the network tester [[(NT)]] and the network [[(9)]], from which the trace data [[(11)]] is collected simultaneously.

8. (currently amended) A trace system, ~~which comprises~~ comprising:

a network tester [[(NT)]] and a mobile terminal ~~(1), which is~~ arranged for collecting trace data and communicating [[it]] the trace data to [[a]] the network tester, ~~(NT), in which case~~ wherein the trace data applies only to the data transmission between the mobile terminal [[(1)]] and [[the]] a network ~~(9), characterized in that~~

wherein the trace system further comprises a standardized interface ~~(3), which is~~ arranged to communicate the trace data [[(11)]], and control means ~~(14, 15)~~ for setting the parameters of tracing and for communicating the trace data, ~~which can be~~ controlled with specific AT commands [[(10)]].

9. (currently amended) The trace system according to claim [[1]] 8, ~~characterized in that, in addition, it~~ wherein the trace system further comprises:

means ~~(14, 15)~~ for buffering and delaying the trace data [[(11)]] in the mobile terminal ~~(1) in question~~ before its transmission to the network tester, ~~(NT), in which case~~ wherein the timings ~~connected~~ related to the function of the mobile terminal ~~(1) in question~~ can be hidden.

10. (currently amended) A terminal, ~~which is~~ arranged for data transmission between the terminal ~~(1) in question~~ and a network [[(9)]], ~~and which, in addition, is~~ the terminal being further arranged to collect trace data [[(11)]], which applies to said data transmission, and to communicate [[it]] the trace data further, ~~characterized in that~~ wherein the terminal ~~in question~~ comprises:

a standardized interface ~~(3), which is~~ arranged to communicate the trace data [[(11)]], and control means ~~(14, 15)~~ for setting the parameters of tracing and for communicating the trace data, ~~which can be~~ controlled with specific AT commands [[(10)]].

11. (currently amended) The terminal according to claim 10, ~~characterized in that, in addition, it~~ wherein the terminal further comprises:

means ~~(14, 15)~~ for buffering and delaying the trace data [[(11)]] in the terminal ~~(1) in question~~ before its transmission further via said standardized interface.

12. (currently amended) The terminal according to claim 10, ~~or 11, characterized in that it also~~ wherein the terminal further comprises:

means [[(MM)]] for connecting an external network tester [[(NT)]] to the terminal,

[[which]] the external network tester [[is]] being intended for receiving the trace data, for providing said specific AT commands.

13. (currently amended) A network tester~~, which is~~ arranged for data transmission between a mobile terminal [[(1)]] and a network, ~~(9), and which, in addition, is~~ the network tester being further arranged to collect trace data [[(11)]], which applies to said data transmission, ~~characterized in that~~ wherein the network tester ~~in question~~ comprises:

a standardized interface ~~(3), which is~~ arranged for setting the trace parameters and for communicating the trace data, ~~which can be~~ controlled with specific AT commands [[(10)]].

14. (new) The method according to claim 2, wherein the specific AT commands are of a specific AT command set, the method further comprising:

using, in addition to the specific AT command set, a normal AT command set known as such in controlling the operation of the mobile terminal, but allowing the use of only one command set at a time in controlling the mobile terminal.

15. (new) The method according to claim 2, further comprising:

modifying the trace data to be sent to the network tester into a format, wherein the trace data comprises only the data substantial from the point of view of tracing.

16. (new) the terminal according to claim 11, wherein the terminal further comprises:

means for connecting an external network tester to the terminal, the external network tester being intended for receiving the trace data, for providing said specific AT commands.